

Title (en)

Method and apparatus for character recognition

Title (de)

Verfahren und Gerät zur Zeichenerkennung

Title (fr)

Méthode et appareil pour reconnaissance de caractères

Publication

**EP 0844583 A3 19980701 (EN)**

Application

**EP 97119471 A 19971106**

Priority

- JP 30896196 A 19961120
- JP 24503997 A 19970910

Abstract (en)

[origin: EP0844583A2] A character recognizing apparatus has a post-processing unit which makes character strings including a plurality of conversion candidates, respectively, made by a character recognizing unit, and a full text searching unit performs a full text search for the character strings in a plurality of documents having been converted into text data, whereby the post-processing unit determines a correct character on the basis of results of the search to correct misrecognition. <IMAGE>

IPC 1-7

**G06K 9/72**

IPC 8 full level

**G06V 30/262** (2022.01); **G06F 17/21** (2006.01); **G06F 17/30** (2006.01); **G06V 30/10** (2022.01)

CPC (source: EP US)

**G06V 30/262** (2022.01 - EP US); **G06V 30/10** (2022.01 - EP US)

Citation (search report)

- [X] MALYAN R ET AL: "Handprinted text reader that learns by experience", MICROPROCESSORS AND MICROSYSTEMS, SEPT. 1986, UK, vol. 10, no. 7, ISSN 0141-9331, pages 377 - 385, XP002063714
- [A] ANIGBOGU J C: "Application of Hidden Markov Models to Multifont Text recognition", 1ST INT. CONF. ON DOCUMENT ANALYSIS AND RECOGNITION, 30 September 1991 (1991-09-30) - 2 October 1991 (1991-10-02), LOS ALAMITOS, CA, US, pages 785 - 793, XP000431220

Cited by

EP2370933A4; WO0133553A3

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0844583 A2 19980527**; **EP 0844583 A3 19980701**; **EP 0844583 B1 20040929**; CN 1158627 C 20040721; CN 1186287 A 19980701; DE 69730930 D1 20041104; DE 69730930 T2 20051222; JP 3427692 B2 20030722; JP H10207988 A 19980807; KR 100292098 B1 20010601; KR 19980042782 A 19980817; US 6341176 B1 20020122

DOCDB simple family (application)

**EP 97119471 A 19971106**; CN 97123167 A 19971120; DE 69730930 T 19971106; JP 24503997 A 19970910; KR 19970063137 A 19971120; US 97015597 A 19971113